

Morbidity and Mortality

Weekly
Report



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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 9, 1956

The total number of psittacosis cases reported in the 23-week period from January 1 to June 9, 1956, is 205 compared with 155 for the same period last year. States reporting substantially larger numbers this year than last (1955 figures in parentheses) are: Minnesota, 41 (17); Illinois, 23 (15); North Carolina, 18 (1); Pennsylvania, 17 (8); Tennessee, 18 (-); Oregon, 6 (3); and Massachusetts, 4 (-). The figure (6) for Oregon does not include certain cases exposed to domestic fowl which were reported under Epidemiological Reports of the "Morbidity and Mortality Report" for the weeks ended March 10 and April 14, 1956.

The number of poliomyelitis cases reported for the current week is 176. This compares with 299 for the same week last year. The increase over the previous week occurred in all divisions except the East North Central, West North Central, and East South Central. Illinois has reported a gradual increase in the number of cases for the past 3 weeks, but 18 of the 26 cases have occurred in Cook County.

The number of poliomyelitis cases by type reported for the current week, disease year, and calendar year are shown below.

Type	Current Week		Disease Year		Calendar Year	
	1956	1955	1956	1955	1956	1955
Total -----	176	299	973	1,770	2,041	2,833
Paralytic -----	84	112	495	692	1,079	1,156
Nonparalytic ----	71	98	326	584	611	874
Unspecified -----	21	89	152	494	351	803

Dr. J. E. Peavy, Texas State Department of Health, has supplied information on the age distribution of poliomyelitis cases reported in Texas since January 1, 1956. The report states that 5 of the paralytic cases occurred in vaccinated persons, 4 of them being in the 0-4 year age group and 1 in the 5-9 year group. The distribution is shown below for 174 cases for which epidemiological report forms have been received out of a total of 281 notifications.

Age	Paralytic		Nonparalytic	
	Jan.- March	April 1- May 25	Jan.- March	April 1- May 25
0-4 years -----	59	31	6	1
5-9 years -----	5	4	9	11
10-14 years -----	7	2	2	2
15-19 years -----	-	-	4	4
20-29 years -----	10	-	4	3
30-39 years -----	4	-	2	3
40-49 years -----	-	-	1	-

Excess Mortality

For 15 successive weeks, the numbers of deaths reported in the major cities have exceeded the 3-year medians. (See the chart on p. 6.) In the 15-week period ended June 9, a total of 157,690 deaths was reported, about 5 percent more than the total of 150,626 deaths for the 15 corresponding weekly medians. Not only was this year's reporting high in March, April, and May when compared with the 3-year median, but it was also high when compared with the maximum number reported for the week in the last 5 years 1951-55. Beginning in April and continuing throughout May, the weekly total reported by the major cities exceeded for 7 successive weeks the maximum reported for that week in the years 1951-55.

Excess deaths during the early months of the year have often resulted from influenza outbreaks; however, the increase in deaths for the last 3 months compared with the same period a year ago has not been associated with any known widespread rise in incidence of respiratory disease. Furthermore, these excess deaths in 1956 have not followed the usual pattern seen in past influenza outbreaks—a relatively rapid rise in numbers of deaths to a peak and then a rapid fall back to median levels, all within a month, or two months at the most. Excess deaths have resulted in the summer months during prolonged hot spells; but this year, while extremes in weather have been experienced, no long stretches of very cold or very hot weather have been recorded in March, April, or May.

EPIDEMIOLOGICAL REPORTS

Botulism

Dr. H. T. Fuerst, New York City Department of Health, has given additional information on the fatal case of botulism reported for the week ended May 26. Laboratory examination of canned food from the patient's home has been completed. *Clostridium botulinum* type B and its toxin were found in one jar of Swiss chard. Stomach contents obtained post mortem were negative for toxin.

Psittacosis

Dr. Ralph H. Heeren, Iowa State Department of Health, has reported a case of psittacosis in a 41-year-old man. He became ill with chills, fever, and malaise. Rales were noted at the base of the right lung, and an X-ray showed mild infiltration. The patient was hospitalized, and 2 weeks after discharge he was readmitted with slight fever and severe chest pains. The total hospital stay was about 5 weeks, excluding the 2 weeks between hospitalizations. Approximately 2 months after onset of illness, the attending physician was informed about the patient being in contact with a parakeet. Blood specimens collected were positive for psittacosis in a complement fixation titer of 1:128.

The patient had owned a parakeet for many years. This bird died and was replaced by another shortly before onset of illness in the owner. The latter bird was not very active, was dopey, and sneezed frequently. It was destroyed after being suspected as the source of the disease. Other members of the household have had no similar illness.

Dr. Mason Romaine, Virginia State Department of Health,

has reported 3 cases of psittacosis in one family. Their illnesses were characterized by chills, fever, and a dry hacking cough. Complement fixation tests on blood specimens were negative for psittacosis. However, a parakeet owned by the family was reported positive for the disease.

Rabies in animals

Ohio's Animal Disease Trends for April 1956 shows 15 laboratory confirmed cases of rabies in animals. In addition, there were 10 clinical cases. Of the 25 cases, 13 were in dogs, 5 in cattle, 3 in skunks, 2 in foxes, and 2 in unknown species. Since the first of the year there have been 70 laboratory confirmed cases and 47 clinical, in the State.

Trachoma

Dr. L. J. Lull, Phoenix Area Medical Officer, Division of Indian Health, PHS, has reported an outbreak of trachoma among school children on an Indian Reservation in Arizona. Early in February, 5 cases of "eye trouble" in one school were diagnosed as trachoma. A survey resulted in the diagnosis of 118 cases. This survey has been limited to schools in the area and has not

been extended to homes. Incidence appears generalized, with greater prevalence in the outlying areas which have worse living conditions. Lowered vigilance in the past by examiners apparently permitted spread of the disease until accidentally recognized by others familiar with the disease and its characteristics.

Trichiniasis

The North Carolina State Board of Health has supplied information on an outbreak of trichiniasis, reported by Dr. S. A. Graham, Jr., Martin County Health Officer. Nine cases occurred among 16 boys in a 3-day camp. An investigation revealed that 14 of the boys had eaten commercial link-type sausage. Reports indicated that some of the links were not well cooked. One boy became ill about 2 weeks after eating the sausage; the others, during the succeeding week. Symptoms were headache, fever, chills, muscle and joint soreness, puffy eyes, cough, and stiff neck. Eosinophile counts ranged from 14 to 38 percent. None of the sausage was available for laboratory examination. A check with the manufacturer revealed that hogs from several sources were used to process this particular lot

Continued on page 8

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	23d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 9, 1956	Ended June 11, 1955	Median 1951-55	First 23 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	1	1	27	16	18	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	-	5	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	29	24	---	438	530	---	---	---	---	---
Diphtheria-----055	43	15	33	775	649	958	2,105	1,866	2,607	July 1
Encephalitis, infectious-----082	38	32	32	667	592	576	1,618	32	32	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	374	515	---	10,780	18,559	---	---	---	---	---
Malaria-----110-117	3	12	---	85	125	---	(1)	(1)	(1)	(1)
Measles-----085	24,229	17,415	18,492	492,105	457,299	457,299	521,203	511,768	511,768	Sept. 1
Meningococcal infections-----057	37	64	80	1,527	1,996	2,401	2,450	3,045	3,670	Sept. 1
Meningitis, other-----340	25	---	---	655	---	---	---	---	---	---
Poliomyelitis-----080	176	299	299	2,041	2,833	2,833	973	1,770	1,538	Apr. 1
Psittacosis-----096.2	23	5	---	205	155	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	5	3	3	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	39	35	47	2706	607	700	2393	300	308	Apr. 1
Typhus fever, endemic-----101	2	7	---	36	46	---	(1)	(1)	(1)	(1)
Rabies in animals-----	85	102	143	2,615	2,766	3,720	3,642	4,119	5,264	Oct. 1

¹Frequencies are too small.

²Includes revised report from Iowa for weeks of May 19 and May 26, 5 cases each.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 11, 1955 AND JUNE 9, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTION 082		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
			23d week		Cumulative first 23 weeks				23d week		Cumulative first 23 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	29	24	43	15	775	649	38	32	374	515	10,780	18,559
NEW ENGLAND-----	1	1	-	-	7	16	2	1	40	59	717	1,726
Maine-----	-	-	-	-	-	-	-	-	12	12	174	177
New Hampshire-----	-	-	-	-	1	-	-	-	-	1	25	60
Vermont-----	1	-	-	-	-	1	-	-	4	1	96	140
Massachusetts-----	-	1	-	-	6	15	-	1	12	20	165	621
Rhode Island-----	-	-	-	-	-	-	1	-	7	9	89	240
Connecticut-----	-	-	-	-	-	-	1	-	5	16	168	488
MIDDLE ATLANTIC-----	-	1	1	1	33	30	13	11	76	127	2,284	4,710
New York-----	-	-	1	-	11	18	13	8	38	75	1,169	2,553
New Jersey-----	-	-	-	-	10	4	-	3	9	7	199	299
Pennsylvania-----	-	1	-	1	12	8	-	-	29	45	916	1,858
EAST NORTH CENTRAL-----	9	2	15	3	158	87	2	4	70	76	1,716	2,731
Ohio-----	-	-	-	-	13	24	-	-	9	12	411	465
Indiana-----	-	-	7	-	81	30	2	2	6	4	264	398
Illinois-----	9	1	-	-	3	3	-	1	21	13	413	693
Michigan-----	-	1	8	3	60	28	-	1	23	30	446	776
Wisconsin-----	-	-	-	-	1	2	-	-	11	17	182	399
WEST NORTH CENTRAL-----	6	14	2	1	81	81	-	3	30	40	927	2,398
Minnesota-----	2	3	-	-	25	27	-	-	10	15	271	835
Iowa-----	3	7	-	-	17	5	-	-	13	11	248	726
Missouri-----	-	-	1	-	9	8	-	-	1	3	50	271
North Dakota-----	-	1	-	-	-	-	-	-	2	-	78	144
South Dakota-----	-	3	-	1	3	30	-	3	3	7	113	236
Nebraska-----	-	-	1	-	25	10	-	1	1	-	76	53
Kansas-----	1	-	-	-	2	1	-	2	-	4	91	133
SOUTH ATLANTIC-----	5	2	8	7	157	169	3	-	28	34	656	1,613
Delaware-----	-	-	-	-	-	-	-	-	1	1	20	32
Maryland-----	2	-	-	-	-	4	-	-	2	9	57	213
District of Columbia-----	-	-	-	-	1	2	-	-	1	1	10	31
Virginia-----	1	2	-	2	21	13	2	-	9	14	277	711
West Virginia-----	-	-	1	-	5	11	-	-	-	-	28	181
North Carolina-----	-	-	3	2	22	27	-	-	2	6	59	192
South Carolina-----	-	-	4	1	36	33	1	-	3	2	32	39
Georgia-----	2	-	-	-	26	56	-	-	6	-	90	94
Florida-----	-	-	-	2	46	23	-	-	4	1	83	120
EAST SOUTH CENTRAL-----	1	1	2	1	99	101	2	4	28	35	919	949
Kentucky-----	-	1	-	-	5	34	-	-	5	9	271	158
Tennessee-----	1	-	1	1	19	16	-	2	18	10	430	392
Alabama-----	-	-	1	-	49	33	2	1	1	5	93	174
Mississippi-----	-	-	-	-	26	18	-	1	4	11	125	225
WEST SOUTH CENTRAL-----	6	3	10	1	193	129	3	2	21	28	806	932
Arkansas-----	2	1	-	-	17	7	-	-	2	3	79	123
Louisiana-----	-	1	-	-	20	18	-	-	3	5	62	70
Oklahoma-----	3	-	-	-	51	15	-	-	5	5	56	94
Texas-----	1	1	10	1	105	89	3	2	11	15	609	645
MOUNTAIN-----	-	-	1	1	15	10	-	-	20	50	1,045	1,409
Montana-----	-	-	-	-	-	3	-	-	3	6	271	181
Idaho-----	-	-	-	-	1	-	-	-	5	6	138	160
Wyoming-----	-	-	-	-	3	-	-	-	1	1	57	52
Colorado-----	-	-	-	-	3	-	-	-	9	1	228	270
New Mexico-----	-	-	-	1	1	1	-	-	1	7	93	251
Arizona-----	-	-	-	-	5	3	-	-	-	29	206	433
Utah-----	-	-	1	-	2	1	-	-	1	-	50	42
Nevada-----	-	-	-	-	-	2	-	-	-	-	2	20
PACIFIC-----	1	-	4	-	32	26	13	7	61	66	1,710	2,091
Washington-----	-	-	2	-	5	13	-	-	16	9	369	472
Oregon-----	-	-	-	-	8	-	-	-	16	17	333	599
California-----	1	-	2	-	19	13	13	7	29	40	1,008	1,020
Alaska-----	-	-	-	-	-	-	-	-	1	3	58	167
Hawaii-----	-	-	-	-	-	-	-	-	-	-	22	27
Puerto Rico-----	-	-	1	1	23	40	-	-	4	2	112	37

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 11, 1955 AND JUNE 9, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

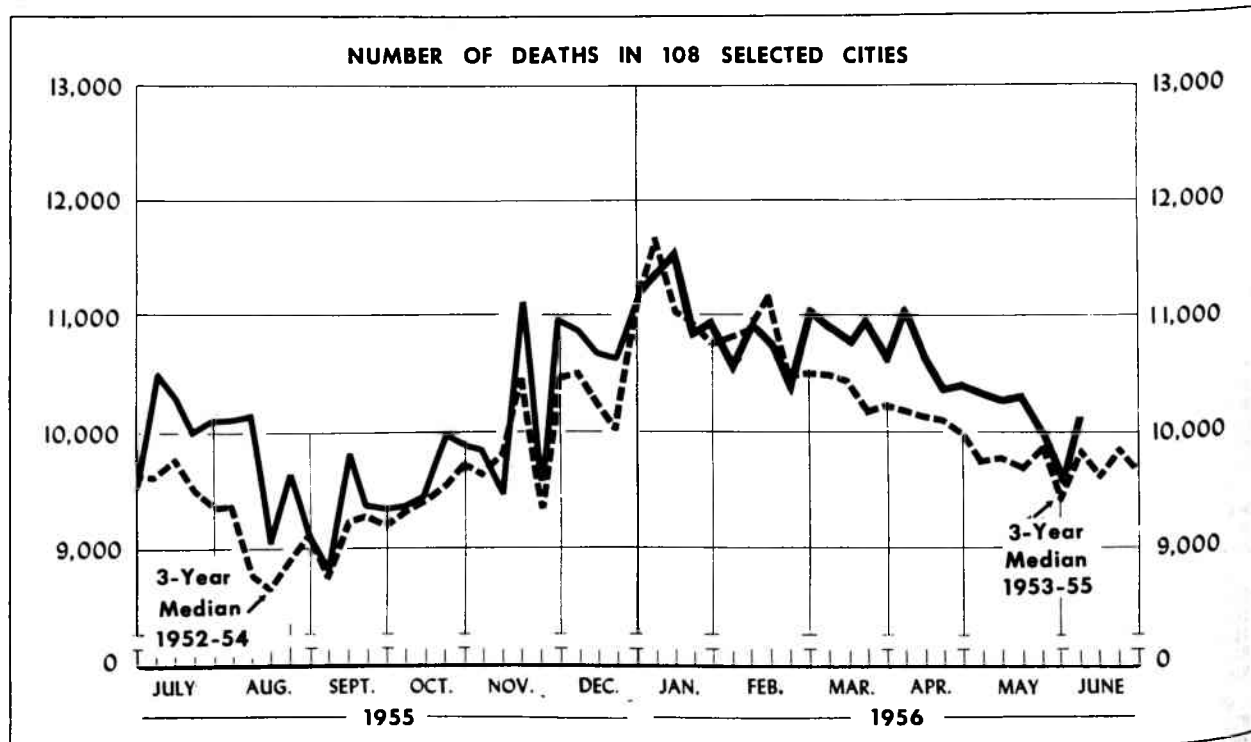
AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	23d week		Cumulative first 23 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	176	299	2,041	2,833	84	112	71	98	3	12	24,229	17,415
NEW ENGLAND-----	6	2	53	40	3	2	3	-	-	-	376	1,556
Maine-----	1	-	9	4	-	-	1	-	-	-	30	125
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	9	49
Vermont-----	-	1	8	12	-	1	-	-	-	-	86	250
Massachusetts-----	3	1	24	12	3	1	-	-	-	-	112	552
Rhode Island-----	-	-	2	3	-	-	-	-	-	-	13	73
Connecticut-----	2	-	8	6	-	-	2	-	-	-	126	507
MIDDLE ATLANTIC-----	8	35	124	300	2	8	2	10	-	-	5,352	3,935
New York-----	4	21	85	181	1	8	1	10	-	-	2,194	1,276
New Jersey-----	3	6	14	39	1	-	1	-	-	-	1,170	1,807
Pennsylvania-----	1	8	25	80	-	-	-	-	-	-	1,988	852
EAST NORTH CENTRAL-----	17	47	178	312	8	11	5	15	-	-	6,908	5,011
Ohio-----	-	20	30	82	-	1	-	-	-	-	1,640	750
Indiana-----	-	1	10	25	-	-	-	-	-	-	729	136
Illinois-----	12	8	56	84	6	3	2	4	-	-	1,399	679
Michigan-----	3	11	48	82	-	3	3	8	-	-	2,018	839
Wisconsin-----	2	7	34	39	2	4	-	3	-	-	1,122	2,607
WEST NORTH CENTRAL-----	7	12	109	200	4	4	3	8	-	2	1,401	485
Minnesota-----	4	2	19	38	3	-	1	2	-	1	58	102
Iowa-----	1	4	32	45	-	-	1	4	-	1	1,009	143
Missouri-----	2	3	26	27	1	3	1	-	-	-	138	90
North Dakota-----	-	1	2	6	-	-	-	1	-	-	80	52
South Dakota-----	-	-	9	21	-	-	-	-	-	-	12	49
Nebraska-----	-	2	11	32	-	1	-	1	-	-	81	-
Kansas-----	-	-	10	31	-	-	-	-	-	-	23	49
SOUTH ATLANTIC-----	23	38	176	438	9	18	9	14	-	-	2,574	496
Delaware-----	1	2	3	19	-	2	1	-	-	-	75	-
Maryland-----	3	5	7	24	2	4	1	1	-	-	131	83
District of Columbia-----	-	1	-	3	-	-	-	1	-	-	30	18
Virginia-----	4	3	11	28	3	1	1	2	-	-	876	117
West Virginia-----	-	3	11	25	-	1	-	2	-	-	235	104
North Carolina-----	2	6	33	49	-	3	2	3	-	-	264	64
South Carolina-----	3	4	15	26	-	3	1	1	-	-	410	39
Georgia-----	2	5	15	65	1	3	-	1	-	-	293	48
Florida-----	8	9	81	2199	3	1	3	3	-	-	260	23
EAST SOUTH CENTRAL-----	1	22	87	169	-	8	1	7	-	-	2,124	282
Kentucky-----	-	6	27	59	-	3	-	1	-	-	551	57
Tennessee-----	1	3	18	25	-	-	1	2	-	-	1,072	166
Alabama-----	-	4	6	31	-	3	-	1	-	-	391	18
Mississippi-----	-	9	36	54	-	2	-	3	-	-	110	41
WEST SOUTH CENTRAL-----	49	68	526	548	27	31	19	21	1	7	2,314	1,091
Arkansas-----	-	3	13	35	-	2	-	1	-	-	280	77
Louisiana-----	8	10	94	97	6	5	2	5	-	-	227	7
Oklahoma-----	3	3	25	31	-	-	-	-	-	-	139	124
Texas-----	38	52	394	385	21	24	17	15	1	7	1,668	683
MOUNTAIN-----	15	23	113	241	5	3	7	1	-	-	986	838
Montana-----	1	-	7	16	-	-	1	-	-	-	101	157
Idaho-----	2	11	15	85	2	-	-	-	-	-	154	33
Wyoming-----	1	-	4	9	-	-	1	-	-	-	7	4
Colorado-----	-	2	11	44	-	2	-	-	-	-	409	191
New Mexico-----	2	1	9	11	-	1	-	-	-	-	182	183
Arizona-----	8	1	47	25	3	-	5	1	-	-	102	252
Utah-----	-	1	8	25	-	-	-	-	-	-	31	18
Nevada-----	1	7	12	26	-	-	-	-	-	-	-	-
PACIFIC-----	50	52	675	585	26	27	22	22	2	3	2,194	3,721
Washington-----	4	9	29	51	2	3	-	4	-	-	537	374
Oregon-----	2	4	42	57	1	2	1	1	-	-	65	210
California-----	44	39	604	477	23	22	21	17	2	3	1,592	3,137
Alaska-----	-	-	4	9	-	-	-	-	-	-	151	30
Hawaii-----	1	4	49	18	1	3	-	1	-	-	99	199
Puerto Rico-----	1	4	21	393	-	4	1	-	-	-	32	68

¹Includes cases not specified by type, category number 080.3.²Includes delayed cases with onset late in 1954.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 11, 1955 AND JUNE 9, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			340	096.2		23d week		Cumulative first 23 weeks		101	1956
	1956	1955		1956	1956	1955	1956	1955	1956	1955	1956	
CONT. UNITED STATES-----	37	64	25	23	5	39	35	706	607	2	85	102
NEW ENGLAND-----	2	4	1	-	-	1	1	27	15	-	-	-
Maine-----	-	1	1	-	-	-	-	10	3	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	1	2	-	-	-	-	-	7	7	-	-	-
Rhode Island-----	-	1	-	-	-	-	1	2	1	-	-	-
Connecticut-----	1	-	-	-	-	1	-	7	4	-	-	-
MIDDLE ATLANTIC-----	2	9	-	1	1	7	1	96	74	-	8	14
New York-----	1	7	-	-	-	1	-	25	13	-	3	10
New Jersey-----	1	1	-	-	-	1	-	8	8	-	-	-
Pennsylvania-----	-	1	-	1	1	5	1	63	53	-	5	4
EAST NORTH CENTRAL-----	8	17	5	2	2	4	3	109	57	-	14	8
Ohio-----	1	8	-	-	-	2	-	24	25	-	-	2
Indiana-----	1	1	2	-	-	-	2	11	2	-	8	5
Illinois-----	2	5	2	1	2	-	1	14	16	-	5	-
Michigan-----	1	3	1	1	-	2	-	28	11	-	-	1
Wisconsin-----	3	-	-	-	-	-	-	32	3	-	1	-
WEST NORTH CENTRAL-----	4	4	2	7	1	4	-	90	36	-	22	8
Minnesota-----	1	1	-	7	1	-	-	31	3	-	2	3
Iowa-----	1	-	2	-	-	-	-	22	10	-	12	1
Missouri-----	2	-	-	-	-	-	-	19	16	-	3	2
North Dakota-----	-	-	-	-	-	-	-	5	-	-	-	-
South Dakota-----	-	3	-	-	-	-	-	2	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	7	2	-	5	2
Kansas-----	-	-	-	-	-	4	-	4	2	-	-	-
SOUTH ATLANTIC-----	5	7	3	4	-	12	7	124	120	1	8	21
Delaware-----	-	-	-	-	-	-	-	1	-	-	2	-
Maryland-----	1	-	2	-	-	1	-	8	4	-	-	-
District of Columbia-----	-	-	-	-	-	1	-	10	3	-	-	-
Virginia-----	-	-	-	3	-	1	1	19	19	-	2	5
West Virginia-----	-	-	-	-	-	1	-	12	13	-	1	7
North Carolina-----	2	3	-	1	-	-	-	16	8	-	-	-
South Carolina-----	-	1	-	-	-	2	1	13	16	1	2	5
Georgia-----	1	1	1	-	-	5	1	28	26	-	-	2
Florida-----	1	2	-	-	-	1	4	17	31	-	1	2
EAST SOUTH CENTRAL-----	4	9	6	8	-	4	9	75	76	-	9	22
Kentucky-----	1	5	2	-	-	-	6	15	44	-	8	2
Tennessee-----	-	1	1	8	-	3	1	41	15	-	1	4
Alabama-----	2	3	-	-	-	1	1	6	12	-	-	10
Mississippi-----	1	-	3	-	-	-	1	13	5	-	-	6
WEST SOUTH CENTRAL-----	1	3	6	-	-	3	11	116	142	1	17	20
Arkansas-----	-	1	-	-	-	2	3	22	31	-	1	2
Louisiana-----	1	1	-	-	-	-	2	23	37	-	16	-
Oklahoma-----	-	1	2	-	-	-	2	17	23	-	-	-
Texas-----	-	-	4	-	-	1	4	54	51	1	-	18
MOUNTAIN-----	3	2	1	-	1	1	1	19	43	-	-	1
Montana-----	1	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	2	-	-	-	-	-	1	2	-	-	-
Wyoming-----	-	-	-	-	-	1	-	2	4	-	-	-
Colorado-----	1	-	-	-	1	-	-	6	2	-	-	-
New Mexico-----	-	-	1	-	-	-	1	7	22	-	-	-
Arizona-----	-	-	-	-	-	-	-	2	11	-	-	1
Utah-----	-	-	-	-	-	-	-	-	2	-	-	-
Nevada-----	1	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	8	9	1	1	-	3	2	50	44	-	7	8
Washington-----	1	2	1	-	-	-	-	1	1	-	-	-
Oregon-----	1	-	-	-	-	1	-	6	4	-	-	-
California-----	6	7	-	1	-	2	2	43	39	-	7	8
Alaska-----	3	-	-	-	-	-	-	-	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	2	-	-	2	2	22	26	-	-	2



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	23d week ended June 9, 1956	22d week ended June 2, 1956	23d week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 23 WEEKS		
					1956	1955	Percent change
TOTAL: 106 REPORTING CITIES-----	10,068	9,518	9,780	+2.9	243,646	236,433	+3.1
New England----- (13 cities)	677	613	568	+19.2	15,721	15,840	-0.8
Middle Atlantic----- (17 cities)	2,946	2,852	2,841	+3.7	71,577	70,619	+1.4
East North Central----- (18 cities)	2,244	2,103	2,186	+2.7	53,496	51,718	+3.4
West North Central----- (8 cities)	689	645	734	-6.1	16,795	15,782	+6.4
South Atlantic----- (9 cities)	767	740	740	+3.6	18,959	17,771	+6.7
East South Central----- (8 cities)	445	392	468	-4.9	11,162	10,864	+2.7
West South Central----- (13 cities)	858	779	788	+8.9	19,586	18,402	+6.4
Mountain----- (8 cities)	237	239	220	+7.7	5,828	5,616	+3.8
Pacific----- (12 cities)	1,205	1,155	1,256	-4.1	30,522	29,821	+2.4

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JUNE 9, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	23d week ended June 9, 1956	22d week ended June 2, 1956	CUMULATIVE NUMBER FIRST 23 WEEKS		CITY	23d week ended June 9, 1956	22d week ended June 2, 1956	CUMULATIVE NUMBER FIRST 23 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	214	225	5,585	5,656	St. Louis, Mo.-----	223	224	5,637	5,031
Bridgeport, Conn.-----	37	33	851	905	St. Paul, Minn.-----	50	59	1,528	1,497
Cambridge, Mass.-----	27	30	722	677	Wichita, Kans.-----	55	27	935	889
Fall River, Mass.-----	35	26	683	669	SOUTH ATLANTIC				
Hartford, Conn.-----	53	42	1,112	1,088	Atlanta, Ga.-----	100	97	2,592	2,391
Lowell, Mass.-----	---	(23)	---	(572)	Baltimore, Md.-----	229	214	5,404	5,229
Lynn, Mass.-----	27	16	504	547	Charlotte, N. C.-----	36	21	728	684
New Bedford, Mass.-----	18	17	550	573	Jacksonville, Fla.-----	(46)	(44)	(1,233)	(1,125)
New Haven, Conn.-----	58	49	1,117	1,061	Miami, Fla.-----	38	48	1,209	1,178
Providence, R. I.-----	72	52	1,461	1,521	Norfolk, Va.-----	35	30	770	746
Somerville, Mass.-----	17	14	387	373	Richmond, Va.-----	72	70	1,639	1,492
Springfield, Mass.-----	48	31	979	977	Savannah, Ga.-----	(33)	(23)	(670)	(663)
Waterbury, Conn.-----	24	19	600	585	Tampa, Fla.-----	42	62	1,409	1,324
Worcester, Mass.-----	47	59	1,170	1,208	Washington, D. C.-----	185	172	4,394	3,884
					Wilmington, Del.-----	30	26	814	843
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany, N. Y.-----	41	57	1,164	1,112	Birmingham, Ala.-----	81	61	1,816	1,787
Allentown, Pa.-----	(48)	(45)	(913)	(859)	Chattanooga, Tenn.-----	37	39	995	1,040
Buffalo, N. Y.-----	198	76	3,343	3,165	Knoxville, Tenn.-----	48	20	835	773
Camden, N. J.-----	29	33	903	860	Louisville, Ky.-----	81	98	2,506	2,508
Elizabeth, N. J.-----	33	25	686	658	Memphis, Tenn.-----	100	73	2,323	2,278
Erie, Pa.-----	37	39	793	832	Mobile, Ala.-----	25	31	761	676
Jersey City, N. J.-----	65	55	1,708	1,676	Montgomery, Ala.-----	17	29	676	612
Newark, N. J.-----	88	100	2,313	2,404	Nashville, Tenn.-----	56	41	1,250	1,190
New York City, N. Y.-----	1,508	1,571	37,233	37,053	WEST SOUTH CENTRAL				
Pateron, N. J.-----	40	37	860	896	Austin, Tex.-----	24	30	676	572
Philadelphia, Pa.-----	447	437	11,497	11,375	Baton Rouge, La.-----	18	35	529	505
Pittsburgh, Pa.-----	175	180	4,388	4,140	Corpus Christi, Tex.-----	16	20	429	407
Reading, Pa.-----	(25)	(18)	(525)	(524)	Dallas, Tex.-----	91	114	2,415	2,244
Rochester, N. Y.-----	80	94	2,227	2,177	El Paso, Tex.-----	37	28	633	658
Schenectady, N. Y.-----	28	26	537	527	Fort Worth, Tex.-----	49	51	1,340	1,249
Scranton, Pa.-----	(29)	(54)	(836)	(806)	Houston, Tex.-----	152	115	3,120	2,950
Syracuse, N. Y.-----	53	47	1,400	1,292	Little Rock, Ark.-----	61	31	1,088	1,011
Trenton, N. J.-----	61	36	1,073	1,105	New Orleans, La.-----	149	149	3,818	3,500
Utica, N. Y.-----	23	15	717	695	Oklahoma City, Okla.-----	52	41	1,426	1,325
Yonkers, N. Y.-----	40	24	735	652	San Antonio, Tex.-----	97	91	2,003	2,012
					Shreveport, La.-----	46	39	1,050	925
					Tulsa, Okla.-----	66	35	1,059	1,044
EAST NORTH CENTRAL					MOUNTAIN				
Akron, Ohio-----	47	50	1,244	1,258	Albuquerque, N. Mex.-----	20	29	529	547
Canton, Ohio-----	31	23	681	622	Colorado Springs, Colo.-----	8	14	304	310
Chicago, Ill.-----	750	685	17,496	16,706	Denver, Colo.-----	114	107	2,571	2,582
Cincinnati, Ohio-----	160	125	3,636	3,473	Ogden, Utah-----	14	9	299	246
Cleveland, Ohio-----	203	214	4,877	4,617	Phoenix, Ariz.-----	25	16	623	577
Columbus, Ohio-----	114	90	2,546	2,567	Pueblo, Colo.-----	15	13	289	300
Dayton, Ohio-----	72	63	1,555	1,528	Salt Lake City, Utah-----	36	48	1,065	949
Detroit, Mich.-----	281	312	7,521	7,575	Tucson, Ariz.-----	5	3	128	105
Evansville, Ind.-----	22	27	811	724	PACIFIC				
Flint, Mich.-----	34	32	891	854	Berkeley, Calif.-----	9	11	412	435
Fort Wayne, Ind.-----	27	45	843	770	Long Beach, Calif.-----	42	51	1,236	1,161
Gary, Ind.-----	(28)	(28)	(677)	(618)	Los Angeles, Calif.-----	402	422	11,200	10,614
Grand Rapids, Mich.-----	40	47	1,003	973	Oakland, Calif.-----	80	100	2,196	2,094
Indianapolis, Ind.-----	137	101	2,762	2,523	Pasadena, Calif.-----	50	32	852	820
Milwaukee, Wis.-----	110	122	2,885	2,871	Portland, Oreg.-----	103	81	2,241	2,238
Peoria, Ill.-----	31	17	639	674	Sacramento, Calif.-----	46	37	1,125	1,176
South Bend, Ind.-----	25	18	562	565	San Diego, Calif.-----	66	71	1,766	1,784
Toledo, Ohio-----	91	76	2,223	2,218	San Francisco, Calif.-----	168	142	4,537	4,448
Youngstown, Ohio-----	69	56	1,321	1,200	Seattle, Wash.-----	158	125	2,996	3,072
					Spokane, Wash.-----	46	43	1,090	1,058
					Tacoma, Wash.-----	35	40	871	921
WEST NORTH CENTRAL					Honolulu, Hawaii-----	(33)	(40)	(834)	(849)
Des Moines, Iowa-----	38	62	1,179	1,130					
Duluth, Minn.-----	42	14	627	592					
Kansas City, Kans.-----	---	(38)	---	(819)					
Kansas City, Mo.-----	111	96	2,565	2,504					
Minneapolis, Minn.-----	115	103	2,814	2,711					
Omaha, Nebr.-----	55	60	1,510	1,428					

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

EPIDEMIOLOGICAL REPORTS—Continued

of sausage. It was noted that North Carolina has a law which requires cooking of all garbage fed to hogs.

Salmonella blockley

Dr. J. E. McCroan, Jr., Georgia Department of Public Health, has requested that the first paragraph of a report on a recent outbreak (see report for week ended May 26, 1956) read as follows: "One hundred twenty-three (123) laboratory confirmed cases occurred. Investigation of these revealed 200 additional presumptive cases. From this finding, and from the fact that approximately 100,000 persons were exposed to chicken salad known to have been infected, it is estimated that approximately 3,000 symptomatic infections developed."

Gastro-enteritis

Dr. Dean Fisher, Maine Department of Health and Welfare, has reported an outbreak of gastro-enteritis following a fraternity dinner. A few hours after eating a turkey dinner approximately 83 persons became ill. Bacteriological examination of turkey and dressing showed no significant organisms. One student, who had previously been having diarrhea, showed salmonella, group C, but since he had nothing to do with preparing or serving food, this positive finding was thought to be coincidental. It is known that at least one of the turkeys had been kept without adequate refrigeration before cooking. No specimens were collected from the food handlers.

The California State Department of Public Health has reported an outbreak of gastro-enteritis among 320 persons in a labor camp. Of these, 70 became ill from 5 to 12½ hours after an evening meal. All items were freshly prepared for this meal. Food-handling procedures appeared to be satisfactory. No food was available for bacteriological examination.

Dr. S. B. Osgood, Oregon State Board of Health, has reported 6 cases of gastro-enteritis in a family. The patients became ill about 2 hours after eating chicken and noodles. The chicken was purchased 2 days earlier and was said to have been refrigerated before and after being cooked with the noodles. None of the food was available for bacteriological examination.

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